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232 *Equine Contagious Disease.*—In February, sudden deaths amongst the hackney carriage horses occurred, and, as a result of post-mortems, African horse sickness was suspected. By taking prompt precautionary measures, the disease was confined to Crater. Nine deaths were recorded.

Three segregation camps for cattle are being constructed, two at Sheikh Othman and one at Maala.

Fisheries

226 Fishing is, generally speaking, good, but the quantity of fish caught is greatly influenced by the movements of the different species of sardinella on which the large species feed. Shark, barracuda, horse-mackerel, sea-perch, dolphins, the smaller members of the tunny family, rock cod soles, and mullet are the principal edible fish. Sword or sail fish make their appearance at certain seasons of the year, but are not easily saleable for human consumption. Crabs and crawfish are to be had at all seasons, and oysters are available in the winter months. The fishermen are a very industrious people and employ various kinds of nets as well as hand-lines in their work. The nets used are of the stationary, circular throwing, and drag varieties, the latter being used from the shore. In addition a special net is operated from boats working in pairs during the monsoon period. Throwing nets for mullet, mackerel and a form of whitebait are also in use. The catch is at times greater than the requirements for local consumption, and the surplus is salted for export. Shark is almost invariably treated in this manner, and during some seasons large quantities are dried. Whitebait is exported.

433 251 439

The fishermen are subject to certain rules which forbid trawls and limit the size of nets, and in addition they defer to the judgment of their elected Akils in matters of fishing custom.

228 Licences to dive for pearls both in the harbour and in the waters of Perim are obligatory, but no licences are required to fish.

Salt

258 A salt work was first constructed by the Italian firm of Messrs. Gaustalla and Company (now styled The Aden Salt Works) in the year 1885, and it carries on a profitable business in salt production at Sheikh Othman. This was followed by the salt work constructed in 1909 by the Bombay firm of Messrs. Abdullabhoy and Joomabhoy Lalljee and Company. Two more salt works have since been constructed by Messrs. Hajeebhoy Laljee and Company and the Little Aden Salt Industrial Company in May, 1923, and October, 1927, respectively, and they continue to work successfully. The 439 total quantity of salt exported to India and other places during 655 the last year was 230,379 tons. The monopoly of salt for local consumption is in the hands of Government, who have licensed certain pits to Arabs at Sheikh Othman.

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Water Supply.

The water supply is obtained from six bore-wells situated near the village of Sheikh Othman. The supply for the civil population is pumped into two tanks each of 100,000 gallons capacity, and from these tanks the supply gravitates through a 15-in. main to a storage reservoir of 400,000 gallons capacity at the Isthmus. 312

There is a pump-house at the Isthmus, and the water is drawn from the storage reservoir and chlorinated automatically by a venturi-operated "chloronome" before being pumped to Crater and Tawahi. Some 2,000 houses have been connected to the main water, and fire hydrants have been sited at intervals throughout the system. There are filling-stations for camel-carts at Crater, Tawahi and Sheikh Othman, and by this means water is distributed to houses which have so far not been connected to the main supply. The water is of exceptional bacteriological purity, although rather hard.

VI.—PRODUCTION.

Veterinary.

Cattle, sheep and goats are imported from British Somaliland, Arabian and Red Sea ports and from the Yemen and Aden Protectorate for consumption in the Colony. As an indication of the quantity imported annually it is of interest to give the figures of imports from the 1st April, 1937, to the 31st December, 1937. 439

	Cattle.	*Sheep and Goats.*
From British Somaliland and Arabian and Red Sea ports	Nil	49,772
The Yemen and the Aden Protectorate	2,129	6,369

Of the total imports, only 842 sheep and 26 milk cows were re-exported.

Rinderpest.—There was an outbreak among the milk cows in November and out of over 100 cows 36 died. The cattle were treated by inoculation, and quarantine restrictions were imposed. 232

Fisheries.

The fishing is, generally speaking, good, but the quantity is greatly influenced by the movements of the different species of sardinella on which the large species feed. Shark, barracuda, horse-mackerel, sea-perch, dolphins, the smaller members of the tunny family, rock cod soles, and mullet are the principal edible fish. Sword or sail fish make their appearance at certain seasons of the year but are not easily saleable for human consumption. Crabs and crawfish are to be had at all seasons, and oysters are available in the winter months. The fishermen are a very industrious people and employ various kinds of nets as well as hand-lines in their work. The nets used are of the stationary, circular throwing, and drag varieties, the latter being used from the shore. In addition a special net is operated from boats working in pairs during the monsoon period. Throwing 226

4:Gt. Brit. . Colonial Office G-3 (1937) 1939 MM1 Aden MM1

nets for mullet, mackerel and a form of whitebait are also in use.

The catch is at times greater than the requirements for local consumption, and the surplus is salted for export. Shark is almost invariably salted for export and during some seasons large quantities are dried. Whitebait are exported.

The fishermen are subject to certain rules which forbid trawls and limit the size of nets, and in addition they defer to the judgment of their elected Akils in matters of fishing custom.

Licences to dive for pearls both in the harbour and in the waters of Perim are obligatory, but no licences are required to fish.

Salt.

A salt work was first constructed by the Italian firm of Messrs. Gaustalla and Company (now styled The Aden Salt Works) in the year 1885 and it carries on a profitable business in salt production at Shiekh Othman. This was followed by the salt work constructed in 1909 by the Bombay firm of Messrs. Abdullabhoy and Joomabhoy Lalljee and Company. Two more salt works have since been constructed by Messrs. Hajeebhoy Laljee and Company and the Little Aden Salt Industrial Company in May, 1923, and October, 1927, respectively, and which continue to work successfully. The total quantity of salt exported to India and other places during the last year was 396,592 tons. The monopoly of salt for local consumption is in the hands of Government, who have licensed certain pits to Arabs at Shiekh Othman.

The Salt (Additional Import Duty) Act passed by the Indian Legislature in 1931 and since extended to April, 1938, has benefited the Aden salt industry, which under the protection of the duty supplies about two-thirds of the total salt imports into India.

Dhow Building.

Dhows are built at Maala by a number of Hadhrami merchants settled in Aden. They turn out about seven vessels a year, the average carrying capacity of which is about 200 tons. The dhows are constructed of Indian teak from the Malabar coast and are well built and fast. They sail to India (Bombay and Malabar coast) and to the East African coast as well as to neighbouring Arabian ports, and take a large share in local trade, in spite of the competition of the coasting steamers of Messrs. Cowasjee Dinshaw and Brothers and of Monsieur A. Besse (Halal Shipping Company).

Soap Manufacturing.

A soap manufacturing industry started by Monsieur A. Besse in December, 1932, at Maala is progressing satisfactorily. The soap is manufactured by boiling coconut oil and cold processes. Local labour of 40 men is employed. The output is about 50 cases daily, each case containing 200 cakes which are disposed of locally or exported to the Red Sea ports.

5:Gt. Brit., Colonial Office G-3 (1947) 1949 MM1 Aden MM1

Chapter 6 : Production

SALT

The principal native product of Aden is salt, made from sea-water by solar evaporation in a series of pans acres in extent. The export in 1947 amounted to 320,770 tons.

This industry is in the hands of four manufacturers, one Italian, now under the management of the Custodian of Enemy Property, the other three Indian. The year 1947 showed a considerable improvement in business as compared with the previous two years. This was due to improved shipping which enabled more salt to be marketed in India. The tonnage produced during the last five years is given below:

Year	*Quantity of salt produced in tons*
1943	199,236
1944	205,308
1945	139,945
1946	113,042
1947	194,549

FISHERIES

The present primitive fishing industry employs numerous canoes and a few small dhows propelled by oars and sails. Nets are small as only hand-braided netting is available, capital is limited and the life of the twine is short because no preservatives are used. Only single-hook lines are employed. No accurate estimate of the annual catch has been made, but Dr. Bertram in his 1944 report reckoned it at between 25,000 and 50,000 tons. Much of this is exported, in a dried or salted condition, to India, Africa and Ceylon, but there is a considerable local consumption inland. Most observers agree that this figure could be greatly exceeded without affecting the stock of fish. The technical difficulties in so doing are considerable but not insuperable. They include lack of harbours, lack of fresh water, the political situation and the distance to markets.

The most extensive fishery is for sardines of the general Sardinella and Dussumreria types which abound on the Eastern Aden Protectorate coast during the winter months. These are taken in cast-nets and beach seins and are sun-dried for fertiliser and camel fodder. The sardine shoals are followed by Kingfish (*Scomberomerus*), which are caught in large quantites and exported, mostly wet-salted as "malch". Various species of tunny are also caught. Sharks are exported salted and sun-dried, the carcases to Africa and the fins to China. The town of Qu'sair specialises in this fishery and other communities pursue it seasonally. An anchovy (*Stolephorus indicus*) abounds on the Western Aden Protectorate coast in winter and is exported sun-dried in some quantity. Other

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221 kinds of fish are taken in fair quantity but no one species appears to predominate. Crawfish are reported as numerous on rocky bottoms, but they are only taken locally for sale fresh to Europeans. Oysters abound on the rocks between tidemarks and could no doubt be cultivated in several landlocked bays where markets are available.

In general, the fisheries appear to be promising but localised and seasonal, the fishermen tending to follow the shoals along the coast. A fishery based on a harbour might have to employ vessels of considerable ranged storage capacity if landings were to be kept constant throughout the year.

226 654 During the greater part of 1947 the Fisheries Officer was still under training in the United Kingdom, but the Fisheries Adviser to the Colonial Office himself spent a fortnight in the Colony and Protectorate early in the year and was much impressed by the quantity of fish available. By November an extensive survey of the fisheries resources of this area had been planned in London and a party, consisting of a fish oils chemist, a canning expert, a Political Officer and the permanent Fisheries Officer, arrived in Aden towards the end of the month. They were later joined by the Fisheries Adviser and a second Fisheries Officer was expected early in 1948.

By the end of the year, the two technical experts and the Political Officer were at work at Mukalla and the Fisheries Officer was at Aden starting to equip two vessels for experimental fishing.

OTHER INDUSTRIES

504 [167 464] As already stated, the main industry is the bunkering of ships and the handling of cargo. These activities are in the hands of large firms, the labour employed consisting almost entirely of immigrant Yemeni Arabs who come south for a year or two, leaving their wives at home, and return when they have accumulated sufficient money.

428 433 There are some small factories owned by private companies. The chief are soap works, aluminium pressing of domestic utensils, cutting of button blanks from trochas shell, manufacture of cigarettes and dyeing and printing of cloth. These (with the exception of button blanks) supply the local demand and provide for export to adjoining territories.

Of industries organised among small producers, the principal one is the weaving of cloth, by one-man treadle-operated handlooms. This supplies Aden and adjoining territories. Small crushing-plants, with one camel turning a mill, extract sesame oil for cooking purposes.

The industries supplying the domestic market are mostly in the hands of individual craftsmen, or a master craftsman with a few assistants. Such are tailors, carpenters, blacksmiths, tinsmiths, garage mechanics, bakers, confectioners, potters, barbers, washermen and cobblers.

493 Lorries are owned in small fleets by merchants and contractors; conversely, the 65 buses are almost in individual ownership. Taxis are in small ownership, and mainly driven by Somalis.

471 563 As an example of the diverse nationality of business ownerships in Aden, the following are the main concerns and their proprietorship:

6:Gt. Brit., Colonial Office G-3 (1948) 1950 MM1 Aden MM1

of Aden as a bunkering port for supplies of coal and oil ensures frequent shipping opportunities. The salient features of the import trade are repeated in the export figures, as the bulk of imports are re-exported. The principal business is in skins, hides, coffee, cotton piece-goods, cotton yarns, dates, grain, pulse and flour, sugar, tea, spices, oils, tobacco, gum, shells and salt.

The entrepôt trade is in the hands of large merchants, European, Indian and Arab.

Chapter 6: Production

SALT

The principal native product of Aden is salt, made from sea-water by solar evaporation in a series of pans 3,682 acres in extent. The export in 1948 amounted to 261,361 tons.

This industry is in the hands of four manufacturers, one Italian, under the management of the Custodian of Enemy Property, and three Indian. The year 1948 showed a considerable improvement in production as compared with the previous two years. The tonnage produced during the last five years is given below:

Year	*Quantity of salt produced in tons*
1944	205,308
1945	139,945
1946	113,042
1947	194,549
1948	271,108

FISHERIES

The coast of the Colony proper extends for approximately 16 sea miles as the crow flies, but is much indented. The bottom shelves steadily to around 50 fathoms 10 miles offshore, beyond which it falls sharply to over 100 fathoms.

In general the fishing is not to be compared with that of the Eastern Aden Protectorate. During the South-West Monsoon, however, an easterly migration of shoals of large pelagic fish occurs and, while these are in the vicinity, heavy landings may take place. During the summer of 1948 this fishery was well below average. For the remainder of the year, migratory fish occur spasmodically and the location of shoals calls for skill and experience.

Bottom fish are few and small except on certain rocky patches where handlines and basket traps achieve good results.

There are approximately 1,300 fishermen whose homes are in the Colony. Many of them migrate with the fish shoals along the Protectorate coast and, when fish are abundant at Aden, Protectorate fishermen come to fish in the Colony.

6:Gt. Brit., Colonial Office G-3 (1948) 1950 MM1 Aden M M1

The craft used are of two kinds, the sambuk, which is a planked surf-boat of up to 35 feet long, and the huri, a dugout canoe imported from India to which a topstrake is usually added locally. Huris range from 8 to 30 feet and are popular because they can withstand neglect and rough usage. No power-craft are yet used for fishing. During 1948 there were 34 sambuks and 341 huris in the Colony.

Nets are all hand-braided locally. There are several types which operate by surrounding a shoal of pelagic fish which are then induced to gill themselves. Beach seins are also used and cast-nets are popular for small shoaling fish. Handlines are used extensively but longlines are not known.

Although prices are generally higher for consumption fresh than for salting, lack of transport prevents fish from reaching the Colony's markets in any quantity from outside a few miles radius. In consequence, landings are spasmodic and prices fluctuate widely, to the detriment of both fisherman and consumer. There is no provision for dealing with temporary gluts except by salting for export. Salt fish is beyond the means of the poorer people, as loss of weight during curing increases its price.

In short, the Colony's fishing industry is not at present able to maintain a steady supply of fish for a community of 80,000 people. A Fishery Officer has, however, been appointed and it is hoped that he will be able to improve the position in years to come.

The island of Perim at the mouth of the Red Sea is part of the Crown Colony. The Perim fishing community comprises between 20 and 30 families, who salt and export their surplus fish to an annual value of between Rs. 15,000 and Rs. 20,000. The Perim pearl fisheries have not been let since 1946, when the lessee is reported to have lost money on the enterprise.

OTHER INDUSTRIES

As already stated, the main industry is the bunkering of ships and the handling of cargo. These activities are in the hands of large firms, the labour employed consisting almost entirely of immigrant Yemeni Arabs who come south for a year or two, leaving their wives at home, and return when they have accumulated sufficient money.

There are some small factories owned by private companies. The chief are soap works, aluminium pressing of domestic utensils, cutting of button blanks from trochas shell, manufacture of cigarettes and dyeing and printing of cloth. These (with the exception of button blanks) supply the local demand and provide for export to adjoining territories.

Of industries organised among small producers, the principal one is the weaving of cloth, by one-man treadle-operated handlooms. This supplies Aden and adjoining territories. Small crushing plants, with one camel turning a mill, extract sesame oil for cooking purposes.

The industries supplying the domestic market are mostly in the hands of individual craftsmen, or a master craftsman with a few assistants. Such are tailors, carpenters, blacksmiths, tinsmiths, garage mechanics, bakers, confectioners, potters, barbers, washermen and cobblers.

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Aden Colony also includes Perim Island which is administered by an Administrator who is also the Commissioner of Police, Aden. The population of the island is 381. The majority of the islanders are fishermen, and dried fish is exported to Aden. In the past there has been pearl fishing, but this year no pearl fishing contract was taken.

There is a small Police detachment in the island together with medical staff and lighthouse staff.

There is no natural water supply on the island; sea-water distilling plant provides sufficient water for the supply of the population and for the occasional ship which comes in for emergency water supplies.

Up to the end of 1948 Cable & Wireless Ltd. maintained communication by marine cable. The cable became unserviceable in 1948, and it was decided not to repair it. It is likely that communication will soon be established by wireless. A R.A.F. airplane makes a flight to the island once weekly and carries mail and passengers from Aden.

The Governor of the Colony is also Governor of the Aden Protectorate, which is not administered by the Colony Government. In each of the Western and Eastern Protectorates the Governor is represented by a British Agent, who deals with the various Rulers and Treaty Chiefs on the basis of treaties concluded with them.

There is no one Government for the Aden Protectorate; various Rulers and Chiefs are in protective treaty relations with His Majesty's Government. The Protectorate includes the island of Socotra.

The administration of justice within the Colony is entrusted to the Supreme Court, a Court of Small Causes for certain specified civil cases and Magistrates' Courts for criminal cases. The law of the Protectorate is largely tribal custom, but in certain chiefdoms the Shari'a code of Moslem law is recognised, especially in the Qu'aiti State of Shihr and Mukalla (ruled by His Highness Sultan Sir Salih bin Ghalib al Qu'aiti, K.C.M.G.), which State legislates by published decrees.

During 1948 the local government of the Colony remained vested in two Township Authorities. The larger is known as the Fortress Township Authority and the area covered by it embraces the Isthmus and Peninsula with a civilian population of close on 60,000. The Military and the R.A.F. establishments are within this area. The other Authority is known as Sheikh Othman Township Authority and takes its name from the built up township of 21,000 persons, all non-Europeans, situated some four miles from the Isthmus. The area governed by it includes this township and the remainder of the Colony in which are to be found four small coastal villages the inhabitants of which earn their livelihood mainly by fishing, basket making and lime burning, using shells collected on the sea shore for this last purpose, and who look on the built up area of Sheikh Othman as their main shopping centre and the place in which they find their simple means of recreation. The total population of these villages is approximately 2,000.

The Township Authorities hold fortnightly meetings in the exercise of their functions of superintending various services of municipal character, such as control of markets, maintenance of public health and sanitary

Chapter 6: Production

SALT

The principal native product of Aden is salt, made from sea-water by solar evaporation in a series of pans, 3,682 acres in extent. 317

The industry is in the hands of four manufacturers, one Italian and three Indians. There has been a considerable improvement in production in the last three years as can be seen from the following figures :

Year	*Quantity of salt produced in tons*
1946	113,042
1947	194,549
1948	271,108
1949	303,432
1950	255,865

India bought three-quarters of its overseas requirements of salt from Aden, and Japan also increased its demands. [439]

FISHERIES

The position in the industry is in the main unaltered since the publication of the 1948 report. The Fishery Department began work on a permanent basis during the winter of 1949-50, when the Fishery Officer returned from leave in December and a British skipper for the fishery vessel arrived in Aden in January. During 1950, progress was disappointing, the fishery vessel being handicapped for eight of the twelve months by a broken winch for which the necessary parts could not be obtained, while storage space for fishing gear was not made available until July. A considerable amount of work remains to be done ashore and on board the fishery vessel before the department can be regarded as adequately equipped for its duties. 654

The recording of the amount of fish handled by the four markets in the Colony was instituted early in the year. This and public opinion have emphasised the fact that the present fishing industry is unable to supply the needs of the population of the Colony except for occasional brief periods. The result has been a varying scarcity and occasional short gluts, the high but fluctuating prices causing hardship for the consumer and insecurity for the producer. How much the position has been due to poor catches and how much to increased population it is as yet impossible to say ; the fact remains that a population of over 100,000 is dependent for its fish on a small fleet of paddling and sailing canoes with a range of a few miles, and that no storage facilities exist except for one small and obsolete cold store, and a number of decrepit ice boxes at the markets. 226 433 [254]

The Fishery Department is attacking the problem in two ways, by increasing the efficiency of existing equipment and methods and by exploring neighbouring waters with the fishery vessel in search of 654 226

654 226 grounds which could be worked profitably by larger power craft. Experiments with outboard motors on dugout canoes have been moderately encouraging, and it is hoped that a method of mounting one particular model through a central trunk, which is now being tested, will provide a small power craft suited to the fishermen's needs. The larger planked beach-boats or sambuks have much greater possibilities. The Colony has bought a 9-h.p. diesel engine and installed it in the sambuk of a leading fisherman, on hire-purchase terms. After five months he is very pleased with it, although the installation is not yet wholly satisfactory.

[464] In general the introduction of mechanical power to the Aden fishermen presents many problems. There is an acute shortage of carpenters and mechanics capable of installing engines but plenty of self-styled experts ready to damage both engine and boat. Then, when an installation is complete, it must be placed in the hands of an illiterate with no mechanical knowledge whatsoever, beyond what the engineman of the fishery vessel and the Fishery Officer have been able to teach him since he accepted the loan. Once the sambuk owners have become used to engines, it should be possible greatly to reduce the labour of working their nets by installing winches, and thereby enable them to dispense with some of their at present uneconomically large crews.

Attempts to find productive grounds with the fishery vessel proved abortive, as the sein winch-drive broke in May and the necessary parts did not arrive in Aden until December. Two encouraging shots of mixed sea perch were made in Ghubbet al Haikah, 70 miles from Aden, before the mishap occurred, however, so it is to be hoped that this and other grounds will be found to hold fish during 1951. The use of craft of this size could only be undertaken in conjunction with cold storage in Aden, as the landing of a full cargo would temporarily glut the market. The craft themselves would have either to carry ice or else to be fitted with refrigeration. Such an undertaking would be outside the scope of any but the largest Aden firms, unless the cold store belonged to a separate concern.

In order to estimate the potential market for quick-frozen fish with the shipping calling at Aden, the Fishery Officer and the Harbour Master drafted and circulated a questionnaire on the subject. This revealed a monthly demand for approximately 15 tons which would be open to a concern equipped with modern cold storage, over and above what could be sold ashore to the people of Aden.

228 439 In addition to the trade in fresh fish, the Colony of Aden is the centre of a considerable entrepôt trade in cured fish, a great part of the total catch from the south coast of Arabia, the southern Red Sea and Somaliland being brought by dhow for the exporting merchants, who store it in godowns on islands in the harbour. Their principal market is Colombo, but large quantities go to East Africa. The Aden Port Trust records a total of nearly 120,000 cwts. of dried and salted fish as having left Aden in 1949 : the 1950 returns are not yet available.

8:Gt. Brit., Colonial Office G-3 (1951-52)1954 MM1 Aden MM1

Chapter 6: Production

SALT

258 There are four salt works, which are owned by private companies.
439 Export of salt to India has been discontinued as India is now producing almost all the salt it needs. Japan is still buying large quantities at competitive prices. The tonnage produced during the two years is as follows:

Year	*Tons*
1951 . .	304,302
1952 . .	376,079

FISHERIES

Fishing Areas and Methods

133 The Colony coast extends for approximately 16 sea miles in a straight line but is heavily indented with rocky bays and sandy beaches. Fish-
● 226 ing is almost totally coastal and shoals of small fish are caught in the shallow waters of the inner harbour. The only deep-sea fishing carried out is just inside the 100-fathom line on rocky heads in the otherwise sandy bottom at distances up to 16 miles from the coast. No inland fisheries exist because of the arid geography of the Colony.

226 Fishing methods are mostly ancient having been handed down
501 through generations of fishermen. Dugout canoes from 9 feet to 30 feet long and sewn or nailed planked surf boats (sambuks) up to 35 feet long are the principal fishing craft. The small canoes (houris) are fished by one man with handline for rock fish and trolling for migratory shoaling fish. The larger houris are used by a crew of three or four with cotton nets for shoals of a type of mackerel, and with handlines on the rocky coast. In addition, beach seines and rectangular bottom set nets are set by this type of craft. The surf boats are mostly used during the summer months with a crew of eleven using encircling gill nets, and during the months of March, April and May for deep-sea hand lining.

Principal methods used are hand lines, trolling lines, fine cotton gill nets, a form of encircling gill triangular net in cotton or heavy Indian twine, a rectangular bottom set net with leader, lift nets and various tangle and beach seine nets.

Organisation

226 The fishing industry is split into net and line fishermen. The latter
426 are mostly self-supporting and generally take their own fish to market. The net fishermen are almost all completely indebted to substantial salt fish exporters who advance money to the captain (*nakhooda*) of

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each boat for purchasing boats and gear, and maintenance of the crew. In repayment the exporters take as much fish as they can from the fishermen indebted to them. Despite the frequent disagreements over the value of fish caught, few *nakhoodas* ever get free of debt.

There are no fish factories but salting is carried out by seven Arab exporters, who sell most of the fish to Ceylon. A small fish-meal plant was installed by one merchant in 1951. Sardines, anchovies and shrimps are sun-dried and bagged by these exporters in the winter months. There is one ice factory in Indian hands; some of its production is utilised for fish boxes in the markets. A cold store in British hands has not been successfully used for fish storage owing to difficulty in obtaining regular supplies of fish.

Statistics of fishermen, boats and fishing gear and exports of dried and salted fish are given on page 26.

Marketing

Marketing of fish is done generally through a single auctioneer in each of the markets. Unofficial auctioneers exist who take about 12½ per cent of the selling price. In order to control as large a share as possible of the fish passing through their hands the auctioneer lends money to fishermen against the sole right to auction their fish. Fishermen who are not indebted are free to sell to any stall-holder or rent a stall for themselves but the fact that unofficial auctioneers offer ready cash results in most of the fish passing through an agent's hands.

Fluctuating supply and demand make it impossible to give reliable figures for the average price of fish but observation shows that about 70 per cent of the price paid by the consumer goes to the fishermen, 12 per cent to the auctioneer and 18 per cent to the stallholder.

The amount of fish taken to market is normally insufficient for the needs of the populaton except in the summer months when gluts are common.

Events affecting Production

The production of fish in 1951 was below normal particularly during the summer monsoon. This is attributed to the lack of strong winds and poor upswelling of cold water which normally drives fish to the warmer coastal water. Shoals of sardine were present early in December, 1951, off the Colony and moved slowly eastwards during January and February, 1952. Large yields were obtained and fresh and dried sardines were plentiful in the markets.

The summer monsoon of 1952 was a strong one and the majority of sambuk-owners did very well. The water temperature was 69°F on one occasion and fish normally living in rocks 15 miles out were caught in great numbers inshore. The shrimp and anchovy season was generally bad and few sardines had appeared by the end of 1952.

Fisheries Department

The Fisheries Department comprises one Fisheries Officer, one

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FISHERMEN, BOATS AND FISHING GEAR IN THE COLONY AT THE END OF 1952

	Bureika	*Fukum*	*Hiswa*	*Sheikh Othman*	*Crater*	*Tawahi*	*Elormaksar*
Sambuks	27	13	—	—	3		—
Houris (line)	57	—	—	32	100		—
Houris (net)	35	46	14	5	10		17
Large encircling gill nets	50	29	10	2	—	—	—
Small encircling gill nets	58	52	48	2	6	7	—
Bottom Box nets	32	27	13	—	16	—	—
Shark nets	29	14	23	1	2	—	55
Beach Seines	30	23	3	2	4	—	—
Lift nets	22	13	—	—	—	—	—
Anchovy Seines	16	14	—	—	—	—	—
Cast nets	51	—	—	55	283	67	63
Shark lines	4	2	—	—	—	—	—
Fishermen	438	249	70	112	243	28	48

N.B. (i). Figures for Bureika and Fukum are accurate ; the rest are estimated.

(ii). One powered sambuk is operating from Bureika with a 9 h.p. diesel engine and one from Crater with a 15 h.p. air-cooled diesel engine.

EXPORTS OF DRIED AND SALTED FISH

1951 . . . 2,094 tons 1952 . . . 2,487 tons

8:Gt. Brit., Colonial Office G-3 (1951-52)1954 MM1 Aden MM1

skipper, one engineer and six crew, one accountant and one clerk/interpreter. A few statistical posts are operating in the Protectorate but Colony statistics on a weight basis will not be collected until April, 1953.

Local fishermen are encouraged to increase yields by using better materials, different gear, powered boats and to fish in any newly discovered areas, particularly off-shore. In addition the setting up of co-operative societies, a debt settlement organisation and better run markets are contemplated.

A Government loans fund of £2,000 per annum for fishermen was created in 1950. Two fishermen have mechanised their sambuks; corks for floating nets have replaced pieces of wood; more and more fishing nets are being made from machine-made twines; and better shark-fishing tackle is being introduced. Manufactured net preservatives and nylon traces are beginning to be used by the hand-line fishermen.

Fisheries Committee

A Government Fisheries Committee was appointed in 1951 to direct the activities of the Fisheries Department. Much of the progress mentioned above has been achieved since its creation. The Committee suggested a radical change in fish marketing, the setting up of a marketing organisation, debt settlement, long-term credit for fishermen, the repeal of restrictive fisheries laws and greater efforts by the Fisheries Department to find further fishing grounds and new methods suitable for the local fishing industry. All these suggestions have been favourably considered by Government and it is hoped that development will not be slow once the necessary steps have been taken.

OTHER INDUSTRIES

As already stated, the main industry is the bunkering of ships and the handling of cargo. These activities are in the hands of large firms, the labour employed consisting almost entirely of immigrant Yemen Arabs who come south for a year or two, leaving their wives at home, and return when they have accumulated sufficient money.

There are some small factories owned by private companies. The chief products are soap, soft drinks, aluminium pressed domestic utensils, cigarettes and dyed and printed cloth. These supply local demand and provide for export to adjoining territories.

Of the industries organised among small producers, the principal one is the weaving of cloth by one-man treadle-operated handlooms which supplies Aden and adjoining territories. Small crushing plants, with one camel turning a mill, extract sesame oil for cooking purposes.

The industries supplying the domestic market are mostly in the hands of individual craftsmen, or a master craftsman with a few assistants. Such are tailors, carpenters, blacksmiths, tinsmiths, garage mechanics, bakers, confectioners, potters, barbers, washermen and cobblers.

8:Gt. Brit., Colonial Office G-3 (1951-52)1954 MM1 Aden MM1

504 The modern commercial prosperity of Aden is based on the fact that
131 it is a refuelling station, originally for coal, and now for coal and oil.
439 It is nearer than any other large port on the main eastern trade routes to the oil companies' production centres in the Persian Gulf. The fact that ships call at Aden for fuelling has caused a general increase in trade, and it is the distributing centre for trade to and from Arabia, Ethiopia, Somaliland and the African coast.

175 Perim Island was first occupied by the French in 1738. In 1799 the
631 British took formal possession, but evacuated the island in the same year. It was later reoccupied by the British in January, 1857, and placed under the control of an Assistant Political Resident at Aden. In 1929 the Manager of the Perim Coal Company was appointed Government Agent, but on the closing down of that Company in October, 1936, the Commissioner of Police, Aden, was appointed Administrator of the island. A police detachment is maintained at Perim, and the Administrator makes regular visits from Aden.

Chapter 3: Administration

642 Since 1937, when the territory was taken from the control of the
643 Government of India and put under the Colonial Office, the consti-
645 tution of Aden has been that of a Crown Colony. The Colony is administered by a Governor, assisted by an Executive Council.

Under the Royal Instructions, the Executive Council of the Colony consists of the officers lawfully discharging the functions of Chief Secretary, of Attorney General and of Financial Secretary and such other persons as may from time to time be appointed by Her Majesty by any instructions or warrants under her sign manual and signet, or as the Governor may, by an instrument under the public seal of the Colony, appoint in pursuance of instructions from Her Majesty through one of her principal Secretaries of State, or as the Governor may provisionally appoint in the manner provided in the Royal Instructions.

Whenever upon any special occasion the Governor desires to obtain the advice of any person within the Colony relating to affairs therein, he may summon such person, for such special occasions, as an extraordinary Member of the Council.

646 Under the provisions of the Aden Colony (Amendment) Order, 1944, a Legislative Council was constituted for the Colony of Aden. The Council was inaugurated in January, 1947, and consists of the Governor as President, four *ex officio* members, not more than four official members and not more than eight unofficial members.

161 Aden Colony also includes Perim Island which is administered by
226 an Administrator who is also the Commissioner of Police, Aden. The
625 population of the island is 381. The majority of the islanders are
659 fishermen, and dried fish is exported to Aden. There is a small police detachment in the island together with medical and lighthouse staff.